

IN THE CLAIMS:

The listing of claims below is the most recent and complete. Please amend the claims as follows:

1. (Amended) A conductive Conductive polymer composite structures structure comprising conductive substrates and conductive polymers, wherein said conductive substrates have a stretching deformation property, and a conductivity of said conductive substrates is not less than 1.0×10^3 S/cm, wherein said conductive substrates having said stretching property include stretchable structures having spaced portions between members.

2. (Amended) A layered structure Layered structures comprising conductive polymer-containing layers and solid electrolyte layers, wherein said conductive polymer-containing layers are provided with conductive polymer composite structures which include conductive substrates and conductive polymers, said conductive substrates have a stretching deformation property, and a conductivity of said conductive substrates is not less than 1.0×10^3 S/cm, wherein said conductive substrates having said stretching property include stretchable structures having spaced portions between members..

3. (Cancelled).

4. (Amended) A bundle Bundles of conductive polymer composite structures provided with not less than two bundles of conductive polymer composite structures comprising conductive substrates and conductive polymers, wherein said conductive substrates

have a stretching deformation property and a conductivity of said conductive substrates is not less than 1.0×10^3 S/cm, wherein said conductive substrates having said stretching property include stretchable structures having spaced portions between members.

5. (Amended) The bundle Bundles of conductive polymer composite structures as set forth in claim 4, wherein said conductive substrates are coiled spring members, said conductive polymer composite structures are cylindrical bodies, and said bundles are bundles of said cylindrical bodies.

6. (Cancelled).

7. (Amended) A device selected from the group consisting of positioning Positioning devices, posture control devices, elevating devices, carrier devices, moving devices, regulating devices, adjusting devices, guiding devices, joint devices, changeover devices, reversing gears, winding devices, traction apparatuses, and swing devices using a conductive polymer composite structure as structures set forth in claim 1 for driving parts.

8. (Amended) A device selected from the group consisting of pressing Pressing devices, pressurizing devices, gripping devices, push-out devices, bending devices, clamping devices, adhesion devices, and contact devices using a conductive polymer composite structure as structures set forth in claim 1 for pressing parts.

9. (Amended) A device selected from the group consisting of positioning Positioning devices, posture control devices, elevating

devices, carrier devices, moving devices, regulating devices, adjusting devices, guiding devices, joint devices, changeover devices, reversing gears, winding devices, traction apparatuses, and swing devices using a layered structure as structures set forth in claim 2 for driving parts.

10. (Amended) A device selected from the group consisting of pressing Pressing devices, pressurizing devices, gripping devices, push-out devices, bending devices, clamping devices, adhesion devices, and contact devices using a layered structure as structures set forth in claim 2 for pressing parts.

11. to 15. (Canceled).

16. (New) A conductive polymer composite structure according to claim 1, wherein said stretchable structures having spaced portions between members involve spring-shaped members.

17. (New) A conductive polymer composite structure according to claim 1, wherein said stretchable structures having spaced portions between members involve meshed members.

18. (New) A conductive polymer composite structure according to claim 1, wherein said stretchable structures having spaced portions between members involve fiber structure sheets.

19. (New) A layered structure according to claim 2, wherein said stretchable structures having spaced portions between members involve spring-shaped members.

20. (New) A layered structure according to claim 2, wherein said stretchable structures having spaced portions between members involve meshed members.

21. (New) A layered structure according to claim 2, wherein said stretchable structures having spaced portions between members involve fiber structure sheets.

22. (New) A bundle of conductive polymer composite structures according to claim 4, wherein said stretchable structures having spaced portions between members involve spring-shaped members.

23. (New) A bundle of conductive polymer composite structures according to claim 4, wherein said stretchable structures having spaced portions between members involve meshed members.

24. (New) A bundle of conductive polymer composite structures according to claim 4, wherein said stretchable structures having spaced portions between members involve fiber structure sheets.

25. (New) A conductive polymer composite structure according to claim 1, wherein said stretching property includes an expanding and contracting property.

26. (New) A layered structure according to claim 2, wherein said stretching property includes an expanding and contracting property.

27. (New) The A bundle of conductive polymer composite structures according to claim 4, wherein said stretching property includes an expanding and contracting property.